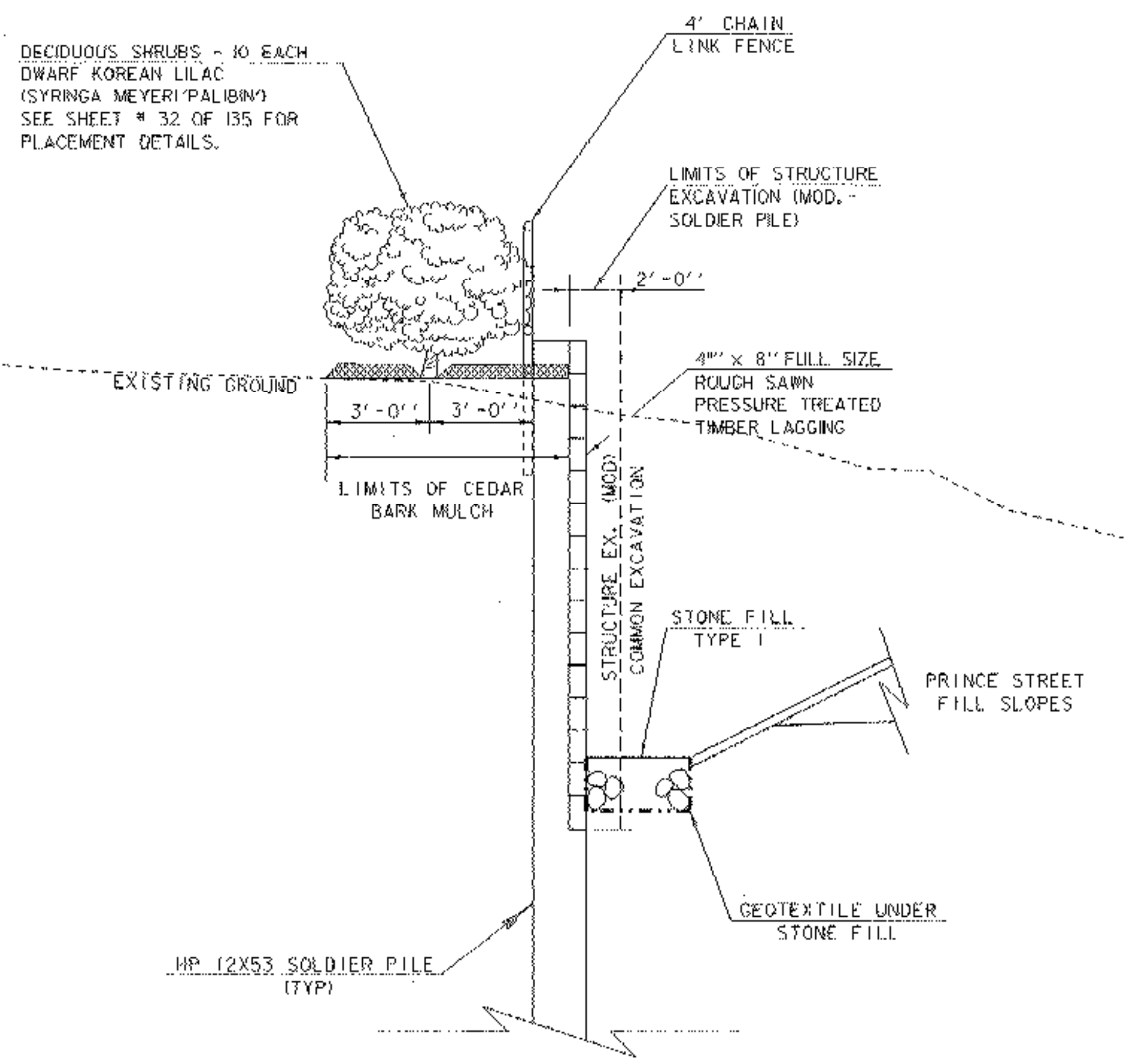
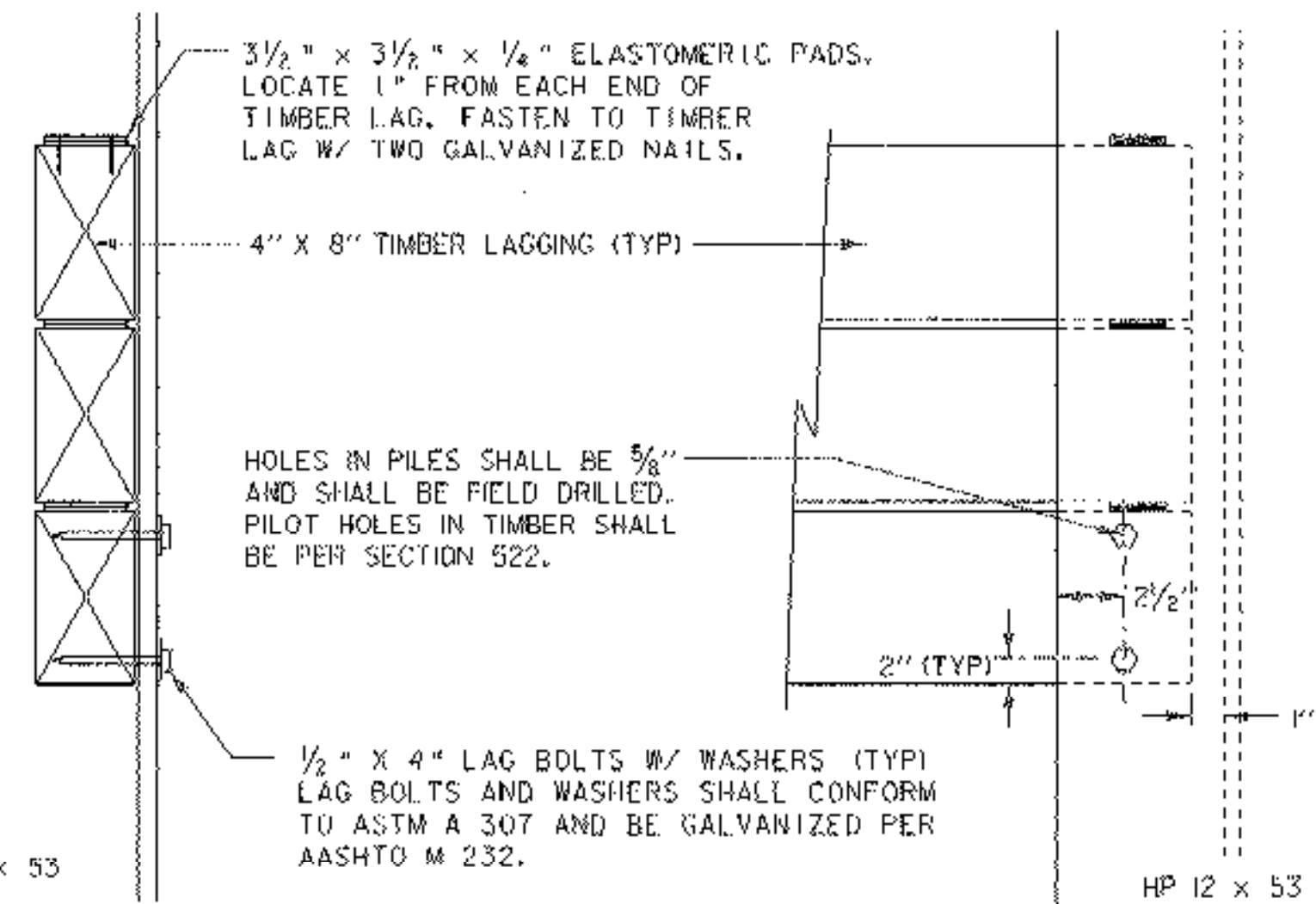


DECIDUOUS SHRUBS - 10 EACH
DWARF KOREAN LILAC
(SYRINGA MEYERI 'PALIBIN')
SEE SHEET # 32 OF 135 FOR
PLACEMENT DETAILS.



RETAINING WALL SECTION A-A

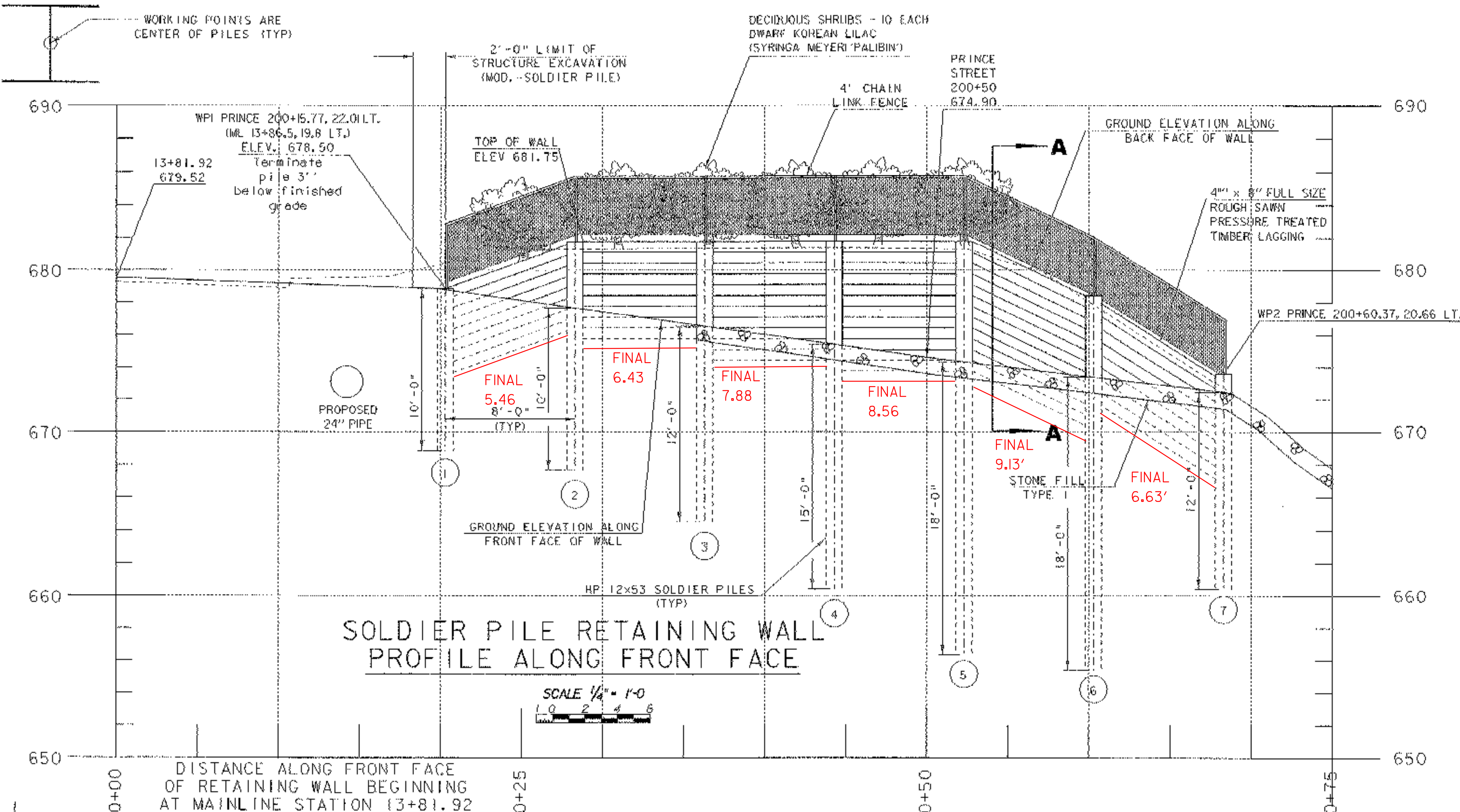
SCALE 1/2" = 1'-0"
0 1 2



TIMBER LAGGING
ATTACHMENT DETAILS

NOT TO SCALE

NOTE: TOP & BOTTOM TIMBER LAGS
SHALL BE BOLTED AS SHOWN. IN
ADDITION, ANY OTHER LAG ENDS
NOT IN CONTACT WITH SOIL SHALL
BE BOLTED.



SOLDIER PILE RETAINING WALL
PROFILE ALONG FRONT FACE

SCALE 1/4" = 1'-0"
0 2 4 6

Notes:

- All elevations and dimensions shown for new construction are based on the contract design drawings for the new structure. Field verify all elevations and dimensions before proceeding with construction.
- Piles shall be ASTM A572 Grade 50.
- Timber lagging shall be a softwood, pressure treated structural lumber per section 522, providing at least 1200 psi allowable bending stress.
- Excavation shall proceed at a pace that prevents movement of unsupported soil. If unstable material is encountered during excavation, suitable measures will be taken to stabilize it and prevent displacement.
- The Contractor shall maintain a sufficient quantity of material on hand for lagging and other operations for protection of the work and for use in an accident or emergency.
- All unsupported excavation will be supported within 24 hours of the time when it first became unsupported.
- Provide dewatering and drainage for each stage of the excavation as required to control surface runoff.
- See Special Provisions for pile tolerances.
- Pile driving stresses shall be limited to 0.90 Fy.

- Piles shall be driven to the proper elevation prior to any excavation for the retaining wall.
- Excavation shall not be made beyond what is required to install the timber lags.
- The timber lagging shall be in firm contact with the back of the outer flange of the soldier piles. Any space between the timber lagging and the face of excavation shall be backfilled promptly with 3/8" crushed stone. The piles shall be cut to the final required elevation. Any driving damage shall be removed.
- All sharp edges and corners shall be ground to 1/4" radius. All costs of grinding shall be incidental to item 526.15. No splices in the piles will be allowed above finished grade.
- The soldier pile wall shall be constructed and paid for under the item 526.15. See special provisions for details.

SOLDIER PILE RETAINING WALL

PROJECT NAME: RANDOLPH
PROJECT NUMBER: BRP 024K29

FILE NAME: s1r5/881096/s1096wall.dgn
PROJECT LEADER: W. SYMONDS
DESIGNED BY: T. FILLBACH
s1096p1@wall

PLOT DATE: 29-AUG-2006
DRAWN BY: G. SHANGRAW
CHECKED BY: T. SUMNER
SHEET 82 OF 135